

19980402.qrp v01_n048.qrs.980402

Date: Thu, 2 Apr 1998 19:03:16 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1048

QRP-L Digest 1048

Topics covered in this issue include:

- 1) [7387] Fwd: Slowing bug down
by KG2LO <KG2LO@aol.com>
- 2) [7388] The SLO-BUG - where to get it
by Vic Rosenthal <rakefet@rakefet.com>
- 3) [7389] Re: Special Fox night.
by "Bob Kellogg" <ae4ic@nr.infi.net>
- 4) [7390] More SLO-BUG info
by Vic Rosenthal <rakefet@rakefet.com>
- 5) [7391] Re: slowing ug down
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 6) [7392] WTB: Ant Tuner
by "Tim Cook" <timcook@erinet.com>
- 7) [7393] Re: QRPTTF Operator Hit List/Ops Wanted
by Joe Gervais <vole@primenet.com>
- 8) [7394] e-mail adr?
by dave_epps@juno.com
- 9) [7395] K8+Keyer?
by dave_epps@juno.com
- 10) [7396] SLR-rcvr
by dave_epps@juno.com
- 11) [7397] FS: Heathkit DX-60A
by AA3BP <AA3BP@aol.com>
- 12) [7398] DX question
by Chuck and Michele Snyder <csnyder@nextdim.com>
- 13) [7399] Bug Weight
by Joseph Trombino jr <joebarb@wilmington.net>
- 14) [7400] SWL 40+ report
by Chuck Carpenter <w5usj@webwide.net>
- 15) [7401] QRP/P operations help for Skokie
by "Mark S. Adams" <msadams@acsu.buffalo.edu>
- 16) [7402] Fox Report - NN1G
by Chuck Carpenter <w5usj@webwide.net>
- 17) [7403] Re: Bug Weights
by Chuck Carpenter <w5usj@webwide.net>
- 18) [7404] Slowing Bugs
by "Ted Beach" <k4mkx@hotmail.com>
- 19) [7405] K5FO SW-40+ Log

- by adams@chuck.dallas.sgi.com (Chuck Adams)
- 20) [7406] NorCal Meeting Coverage
by Jerry Parker <jparker@fix.net>
- 21) [7407] Re: Bug Weights
by af852@rgfn.epcc.edu (William R Colbert)
- 22) [7408] FS - Power Supplies
by Charles Kadesch <chas@digizen.net>
- 23) [7409] Re: Bug Weights
by David Gauding <david.gauding@bbs.galilei.com>
- 24) [7410] KH6AFS de N0TU
by "Steve Galchutt" <n0tu@webaccess.net>
- 25) [7411] Re: qrpp with Icom 706MK II
by Bob Patten <n4bp@bc.seflin.org>
- 26) [7412] Re: FS: 38 Special / Ten-Tec ARG0 556 / HTX-100 / etc...
by Bruce Hopkins - KL7JAF <kl7jaf@eagle.ptialaska.net>
- 27) [7413] Re: weights (fwd)
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 28) [7414] Antenna Parts
by Ronald_A_Pfeiffer@res.raytheon.com
- 29) [7415] Potential Dayton QRP Forum at Hara!
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 30) [7416] April QRP Quarterly hot off the press
by mike czuhajewski <wa8mcq@abs.net>
- 31) [7417] Re: slow bugs
by "Bob Duckworth" <wb4mnf@atl.org>
- 32) [7418] To list members in Seattle, WA.
by "Vincent Ferme" <vferme@sprint.ca>
- 33) [7419] portable vertical antenna
by John Mckee <JMckee@RFMD.com>
- 34) [7420] Re: slowing ug down
by Ed Loranger <we6w@qsl.net>
- 35) [7421] Re: Bug Weight
by af852@rgfn.epcc.edu (William R Colbert)
- 36) [7422] Re: WTB: Ant Tuner
by Ed Loranger <we6w@qsl.net>
- 37) [7423] Elemer101: Schematic in PDF format
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 38) [7424] QRP WEB SITE
by DENNIS MO <DENNISMO@aol.com>
- 39) [7425] Re: QRP WEB SITE
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 40) [7426] Quick & easy bug mod
by "Jeff T. Casey" <JCASEY@fac.har.sunysb.edu>
- 41) [7427] Re: QRP WEB SITE
by "George T. Baker" <w5yr@swbell.net>
- 42) [7428] Re: QRP WEB SITE
by DENNIS MO <DENNISMO@aol.com>
- 43) [7429] Fw: FS:Ten-Tec QRP stuff.....

by "Steve Galchutt" <n0tu@webaccess.net>
44) [7430] Adrian Weiss
by dave_epps@juno.com
45) [7431] Elmer101: QSK in the SW40+
by Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
46) [7432] Noise
by "Harry Hurst" <hhurst@delaware.infi.net>
47) [7433] RE: Elmer101: QSK in the SW40+
by "Fishman, Clark" <cfishman@pica.army.mil>
48) [7434] Re: QRP WEB SITE
by DENNIS MO <DENNISMO@aol.com>
49) [7435] Re: Bug Weights
by Zack Lau <zlau@arrl.org>
50) [7436] Re: QRP WEB SITE
by Steve Hideg <Steve.Hideg.1@nd.edu>
51) [7437] RE: QRP WEB SITE
by Tracy@bytemark.com (Tracy)
52) [7438] QRP Club Website
by DENNIS MO <DENNISMO@aol.com>
53) [7439] Re: Portable Antennas
by talljazz@teleport.com (Dan Presley)
54) [7440] RE: DX question
by Andreas Junge <andreas@atltech.com>
55) [7441] Remote QNI to Norcal mtg....
by Ed Loranger <we6w@qsl.net>
56) [7442] WoW 1st qrp DX!!!
by Jim Fielden <fielden@utkx.utcc.utk.edu>
57) [7443] Re: DX question
by Michael Maiorana <mikemo@ibm.net>
58) [7444] Items for Sale
by Dave Sjolin <sjolin@swbell.net>
59) [7445] soldering gun?
by Phil <k6ls@prolynx.com>
60) [7446] Re: Antenna Parts
by "edwin a. crowell" <w5twr@rconnect.com>
61) [7447] RE: Noise
by Tracy@bytemark.com (Tracy)
62) [7448] Re: Noise
by Ed Loranger <we6w@qsl.net>
63) [7449] 2N2 Rig Works QRP-L Member
by "Jim Kortge, K8IQY" <jokortge@mci2000.com>
64) [7450] Re: QRP WEB SITE
by Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>
65) [7451] a great service 'heads up!'
by Mighty Mik <mitymik@hooked.net>
66) [7452] Spirit of fellow Hams.
by Ed Loranger <we6w@qsl.net>
67) [7453] Items for Sale - Some SOLD

by Dave Sjolín <sjolin@swbell.net>
68) [7454] Re: Elmer101: QSK in the SW40+
by Roger Braker <msebrakr@telepath.com>
69) [7455] Update: Please help
by Roger Braker <msebrakr@telepath.com>
70) [7456] Livermore Swap Meet
by Ward Hill <w_hill@ns.net>

Date: Wed, 1 Apr 1998 18:59:39 EST
From: KG2LO <KG2LO@aol.com>
To: qrp-1@Lehigh.EDU
Cc: KG2LO@aol.com
Subject: [7387] Fwd: Slowing bug down
Message-ID: <736206e9.3522d4ed@aol.com>
Mime-Version: 1.0
Content-type: multipart/mixed;
boundary="part0_891475179_boundary"

This is a multi-part message in MIME format.

--part0_891475179_boundary
Content-ID: <0_891475179@inet_out.mail.aol.com.1>
Content-type: text/plain; charset=US-ASCII

Hello Ken.

I had the same problem. It was suggested to me by another op that I try an alligator clip soldered to a piece of 12 ga. wire. Bend the wire to a 90 degree angle. Then slide a small nut onto the wire. The alligator clip grips the end of the arm just beyond the shock damper. This worked well for me. I just started using a bug a few weeks ago. Love the critter! Good luck Ken. Hope this helps.

72'
Roland KG2LO

--part0_891475179_boundary
Content-ID: <0_891475179@inet_out.mail.aol.com.2>
Content-type: message/rfc822
Content-transfer-encoding: 7bit
Content-disposition: inline

From: KG2LO <KG2LO@aol.com>
Return-path: <KG2LO@aol.com>
To: kenk@primenet.com

Cc: KG2L0@aol.com
Subject: Re: Slowing bug down
Date: Wed, 1 Apr 1998 18:28:18 EST
Organization: AOL (<http://www.aol.com>)
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hello Ken.

I had the same problem. It was suggested to me by another op that I try an alligator clip soldered to a piece of 12 ga. wire. Bend the wire to a 90 degree angle. Then slide a small nut on to the wire. The alligator clip grips the end of the arm just beyond the shock damper. This worked well for me. I just started using a bug a few weeks ago. Love the critter. GL Ken hope it works.

72/73
Roland KG2L0

--part0_891475179_boundary--

Date: Wed, 01 Apr 1998 16:56:05 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [7388] The SLO-BUG - where to get it
Message-ID: <3522E225.B1866C68@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here's what the guy who makes the bug-slowng devices says:

Hi Vic,

See my comments below. Feel free to forward the whole thing to your group.

Paul, K4MSG

>If you wish, I'll tell them that you make Slow-Bugs. I

>wanted to ask permission first, though, because the list
>has about 2000 members and you might get more business than
>you want!

That just means that they'd have a lonnnngggggggg wait
to get one, HI!

Email to paulhbock@aol.com if you are interested.

Date: Wed, 1 Apr 1998 19:21:21 -0500
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [7389] Re: Special Fox night.
Message-ID: <199804020050.TAA19451@mailhost.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Well, guys,

I just have to tell you. Catching these foxes is nothing. Last night I finished putting together another small batch of KnightSMiTes and decided to take a CW break.... Been promising myself I'd get on the air more to improve my code.

Listened around 7.040 and heard a mini pile up. Listened more carefully, and the pilee was WJ2V. I thought Preston was doing something weird, like running a net or something, so when he said "QRZ", I said, "AE4IC". Then he said, "AE4IC", and I didn't know what to say.... was there some kind of exchange expected? Gave him a report, name and QTH, he said, "Thanks", and there was another clamor of stations calling. I didn't even know what happened.

Then I remembered something about the Elmer 101 rig test and figured it must have been his night.

Even a blind hog gets an acorn once in a while.

CUL,
Bob Kellogg, AE4IC, Greensboro, NC
Prolably, but not nececelery. -- Benny Hill

> From: Roger Hightower <n7kt@earthlink.net>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

> Subject: Re: Fox Report - NN1G
> Date: Wednesday, April 01, 1998 4:27 AM
>
> I heard Ed call and make the contact. That old Drake has a very
> distinctive sound, and I knew who it was before I heard the full call.
> Boatanchors _and_ QRP...the best of it.
> --
> 72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ

Date: Wed, 01 Apr 1998 17:10:18 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [7390] More SLO-BUG info
Message-ID: <3522E57A.ECD53625@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sorry, I massacred Paul's message. Here's the rest:

>If you wish, I'll tell them that you make Slow-Bugs. I
>wanted to ask permission first, though, because the list
>has about 2000 members and you might get more business than
>you want!

That just means that they'd have a lonnnnggggggggg wait
to get one, HI!

>>From: adams@chuck.dallas.sgi.com (Chuck Adams)
>As many professional and amateur machinists that exist on
>this list it is a wonder that someone hasn't yet come up
>and made a little money on the side to pay for the rest
>of the "stuff" we all spend money on. You know what I
>mean.

>Wouldn't it be worth someone's time and energy that had the
>equipment to market/sell/trade/barter/... custom made add-on
>weights for bugs? How complicated can it be? Also
>replacements for those weights that are typically missing
>or abused for bugs found at fleamarkets and swapmeets.

"Complicated" isn't the problem; it takes *TIME* to
make the darn things, time which could be spent building new
gear for the shack, ragchewing, working DX, etc. I've sold

about three dozen Slo-Bugs with two extra weights each for \$15 postpaid; the cost in materials (brass, setscrew, thumbscrews, etc.), professional nickel plating, and postage is between \$8-\$10 for a Type B Slo-Bug plus two weights. That doesn't leave me much for the time spent at the lathe turning, polishing, steam & vinegar cleaning, shipping to the plater, then packing individually and shipping to the "customer."

>And in the group of individuals that do this stuff, send me
>email offline about Sherline Products or others if you use
>same. Thanks in advance.....

I use a Sherline lathe for this stuff, and also have the Sherline vertical milling column. Great equipment, fun to use, etc., etc., but remember: Turning out the same identical pieces hour after hour is **NOT** fun, it quickly becomes drudgery. Of course, if people are willing to pay me "Vibroplex Prices" for speed weights (\$12 each) and an equivalent price for the Slo-Bug extension, then we're talking a whole different ball game - but I doubt that the **TOTAL** market for this stuff exceeds 100 to 125 customers. The article on the Slo-Bug in "Morsum Magnificat" (Issue 50) generated exactly **TWO** orders!

73,

Paul, K4MSG

Date: Wed, 1 Apr 1998 20:09:56 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: Monte Stark <ku7y@dri.edu>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [7391] Re: slowing ug down
Message-ID: <Pine.GS0.3.96.980401200819.22075A-1000000@larry>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Speaking of flat arm bugs (Vibroplex Champions), does anyone have a standard dot weight for one willing to part with. Just acquired one without the weight.

-73-

LB, W4RNL

L. B. Cebik, W4RNL / \ / \ * / / / (Off) (423) 974-7215
1434 High Mesa Drive / \ / \ ---- / \ ---- (Hm) (423) 938-6335
Knoxville, Tennessee / \ \ \ / / || / (FAX) (423) 974-3509
37938-4443 USA / \ \ \ || cebik@utk.edu
QRPARCI 2572 G-QRP 7203 CQC 125 NEQRP 347 NORCAL 1111 MIQRP 1432
NWQRP 401 ARRL Life: Technical & Educational Advisor 10-10 41159
QCWA 13211 scQRP 28 AK/QRP 343 CW Ops QRP Club (VK) 476 FISTS 2600
http://funnelweb.utcc.utk.edu/~cebik/radio.html

Date: Wed, 1 Apr 1998 20:25:10 -0500
From: "Tim Cook" <timcook@erinet.com>
To: "QRP" <qrp-1@Lehigh.EDU>
Subject: [7392] WTB: Ant Tuner
Message-ID: <024201bd5dd6\$2e18be80\$69775acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Looking for a simple antenna tuner to use with a 40m qrp rig. I am going to hook it to my 135FT Zepp using a 4:1 balun. Would like a swr indicator, but not absolutely necessary. small well built home brew is fine. If you have something please email direct.

Thanks

Tim

NZ8J

Date: Wed, 1 Apr 1998 18:30:12 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [7393] Re: QRPTTF Operator Hit List/Ops Wanted
Message-ID: <199804020130.SAA15479@usr02.primenet.com>

Howdy again Folks,

Just a quick addition. I'd left out Roy (AB7CE) who

will be operating the high bands on the MT/WY border
in Yellowstone Nat'l Park. Talk about a gem of a site!

Wonder if he'd mind if I came along.... :-)

Cheers de AB7TT,

-Joe, vole@primenet.com, QRPTTF Contest Manager, NorCal,
AZ ScQRPions, and many other fine, furry groups.

"Did I mention the wind?"

Date: Wed, 1 Apr 1998 17:21:26 -0800
From: dave_epps@juno.com
To: qrp-1@Lehigh.EDU
Subject: [7394] e-mail adr?
Message-ID: <19980401.173322.10118.1.dave_epps@juno.com>

Anyone have the e-mail address for Adrian Weiss WORSP?
dave ab5pc fresno, ca.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 1 Apr 1998 17:25:53 -0800
From: dave_epps@juno.com
To: qrp-1@Lehigh.EDU
Subject: [7395] K8+Keyer?
Message-ID: <19980401.173322.10118.2.dave_epps@juno.com>

Anyone heard from K1EL Steve lately?
I ordered a couple of K8+Keyers.
dave ab5pc fresno, ca.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>

Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 1 Apr 1998 17:19:42 -0800
From: dave_epps@juno.com
To: qrp-1@Lehigh.EDU
Subject: [7396] SLR-rcvr
Message-ID: <19980401.173322.10118.0.dave_epps@juno.com>

JUst completed the Shielded Loop Receiver that recently was written about in QST. I don't have it in a box yet , but it is amazing how well it works even with the little 14 inch loop. Building the loop is a real experience. I can't wait to transmit through the little loop. I bet the ZM-2 will load it. The receiver uses some really new features. It is a DC rcvr with unprecedented immunity to local A.M. sigs due to the input being balanced and the output of the NE602 balanced into an Instrumentation Amplifier giving a "Common Mode Rejection Ratio" of over 80 db. I think it will make a great portable rcvr as it only draws 10 ma. from the onboard 9 volt batt. Just for info "To All" No connection.
dave ab5pc fresno, ca

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 1 Apr 1998 20:37:50 EST
From: AA3BP <AA3BP@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [7397] FS: Heathkit DX-60A
Message-ID: <7ae01d13.3522ebf0@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

The shack is overflowing with all this QRP gear I've been building and something must go! QRP stuff is too precious to part with so decided to evict some QRO.

I have a DX-60A which was built by someone unknown to me. Appearance-wise, it looks FB with cabinet paint being excellent. Loads into a 100 watt light bulb (remember those days?) really well. The builder's workmanship was top notch. I have never had it on the air, but have put it through the paces per the W7FG repro manual (which cost me \$20!) and all seems to check out in CW mode -- it has no mike so the AM function is unknown.

All parts appear to be original. The only known flaw is that the set screw in one of the knobs has been replaced by a machine screw.

For \$50 plus shipping, this '60's vintage AM/CW transmitter complete with manual and one FT-243 xtal can be yours. (Note that this rig does not include an onboard VFO.)

Send me a direct reply if interested. I will be reading my mail again in two or three days so my reply may be delayed.

73,

Jim, AA3BP

Date: Sun, 01 Mar 1998 18:28:48 -0800
From: Chuck and Michele Snyder <csnyder@nextdim.com>
To: QRP <qrp-1@Lehigh.EDU>
Subject: [7398] DX question
Message-ID: <34FA1960.76A309DA@nextdim.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,

I'm looking forward to starting the Elmer Project and the 40-Meter radio. I hope to upgrade to Tech-Plus, and I currently have the General book on order. The only radio equipment I own at the moment in my shack is a hand-held. Can anyone enlighten or educate me on what sort of antenna that would be a great DX antenna for this 40-Meter kit within reasonable expense? Is it possible to make contacts in England with this kit when I live in the Evergreen State? I have a friend and nephew whom resides there, neither of which, are hams, but that's not to say they

could be.

Thanks ;-)

--

Chuck Snyder (KD7BBF)
<http://www.nextdim.com/users/csnyder/index.htm>
QRP-L #1462
Spokane, WA

Date: Wed, 01 Apr 1998 20:04:47 -0500
From: Joseph Trombino jr <joebarb@wilmington.net>
To: QRP-L@Lehigh.EDU
Subject: [7399] Bug Weight
Message-ID: <3.0.1.32.19980401200447.006b2a80@wilmington.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello fellow QRP'ers: Haven't followed the bug weighting thread closely so at the risk of repeating something already suggested and at the risk of showing my age: as Novices trying to slow down our first bugs we wrapped solder around the bar and moved it up or down as necessary along with the existing weight. Seemed to work OK as I recall--but is it too simple???:)

72/73, cheers, Joe W2KJ (North Carolina)

Date: Wed, 01 Apr 1998 20:35:18 -0600
From: Chuck Carpenter <w5usj@webwide.net>
To: PDouglas12 <PDouglas12@aol.com>
Cc: qrp-l@Lehigh.EDU
Subject: [7400] SWL 40+ report
Message-ID: <3.0.1.32.19980401203518.0069ac58@mail.webwide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>13. W5USJ 229 (CHUCK?) TX

Yep, that was me. Glad to be one of the first to work one of the new rigs.
I heard Dave in there strong about 0245 and thought I had him -- not sure
though. Dave was still going right at 0300. Never did hear Chuck. I'm
only about 80 miles from him -- too near and too far. Good way to check
out the equipment.

72/73 -- Chuck, W5USJ, EM22cv
Rains County, Eagle Capitol of Texas
ARCI # 5422, QRP-L # 1306, FISTS # 3984

Date: Thu, 02 Apr 1998 02:38:05 -0800
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>
To: qrp-l@Lehigh.EDU
Subject: [7401] QRP/P operations help for Skokie
Message-ID: <35236A8D.87C@acsu.buffalo.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,

Anyone out there in the Skokie, IL area that can comment on operating in
the area of the Holiday Inn North Shore? I'll be stuck there for the
weekend with my trusty SW40 and dipole. (That is if someone can give me
a hint on a site.)

Thanks,
Mark N2VPK

Date: Wed, 01 Apr 1998 20:47:19 -0600
From: Chuck Carpenter <w5usj@webwide.net>
To: Bensondj <Bensondj@aol.com>
Cc: qrp-l@Lehigh.EDU
Subject: [7402] Fox Report - NN1G
Message-ID: <3.0.1.32.19980401204719.006b9140@mail.webwide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dave,

This answers my previous question about a completed contact -- 8^)...

(Heard but not completed: W5USJ)

It was very noisy on my end with my HF9V vertical but you were coming in 559 with QSB around 0245. The rig sounded good otherwise.

72/73 -- Chuck, W5USJ, EM22cv
Rains County, Eagle Capitol of Texas
ARCI # 5422, QRP-L # 1306, FISTS # 3984

Date: Wed, 01 Apr 1998 21:10:16 -0600
From: Chuck Carpenter <w5usj@webwide.net>
To: qrp-l@Lehigh.EDU
Subject: [7403] Re: Bug Weights
Message-ID: <3.0.1.32.19980401211016.006b9140@mail.webwide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Here's one type of bug speed weight to consider:

Many years ago, at a Rochester (NY) HamFest, I got one that used a spring-loaded ball bearing. It was the best speed changer I've seen or used for a Vibroplex bug. It was about 5/8 dia. and 1/2 in long. You could quickly change from very slow dits to very fast dits just by sliding the weight on the bar. Also, some of us used to put a small piece of foam behind the dit spring to dampen the thing a bit. Seemed to help.

72/73 -- Chuck, W5USJ, EM22cv
Rains County, Eagle Capitol of Texas
ARCI # 5422, QRP-L # 1306, FISTS # 3984

Date: Wed, 01 Apr 1998 19:17:20 PST
From: "Ted Beach" <k4mkx@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [7404] Slowing Bugs

Message-ID: <19980402031724.475.qmail@hotmail.com>

Content-Type: text/plain

It's nostalgia time again!

The recent posts on bugs and how to slow them down brings back fond memories of my early cw days. I had just [barely!] passed the General and was not a bit comfortable sending or receiving at 13 wpm. However, I latched onto a Vibroplex Original and discovered very quickly they were not meant for the likes of me!

I, too, wanted to really use this monster, and was determined to slow the dits down to my speed. The final arrangement was not pretty, but it worked:

I took an electrical clip [whose name escapes me now, not an alligator, but perhaps crocodile?] and wound several feet of solder around the clip body. I guess I had an ounce or so, but can't really remember now. Anyway, you'll have to experiment here. The resulting monstrosity clips onto the vibrating arm of the key and +really+ slows things down! You can move the clip back and forth [just like the main weight, which I slid all the way out].

As your speed and proficiency improve, unwind the solder. In not too many weeks you may not even need it.

Not, pretty, but it worked for me! And, this is the real QRP keyer that uses no power at all.

72/73

de Ted
K4MKX

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Thu, 2 Apr 1998 03:53:21 GMT
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-1@Lehigh.EDU
Subject: [7405] K5FO SW-40+ Log
Message-ID: <199804020353.DAA06038@chuck.dallas.sgi.com>

Sorry for the delay, but when I left the house this morning
I left the log on the desk, but here it is.

First thirty minutes went well, then the crowds showed up
wanting the frequency after what I figured was the closing
time for the 20 meter and 30 meter bars. :-)

0200	N6WG	Bob	CA	569	my	539	
0202	K0EVZ	Doc	MN	579		559	
0204	N9DD	Tom	IN	589		559	
0205	W0CH	Dave	MO	599		589	
0207	NQ7X	Floyd	AZ	549		549	(his 1W to my 0.95W)
0208	KK6MC	Jim	NM	599		599	
0211	AA0ZZ	Craig	MN	599		599	(he was loud, real loud)
0212	WE6W	Ed	CA	449		239	
0213	N7GS	Me1	MT	559		549	(who says MT is rare?)
0214	N7KT	Roger	AZ	559		539	
at this time band went soft							
0223	VE5RC	Bruce	SK	599		229	
0225	N2VPK	Mark	NY	559		559	(his swl-40)
0232	K9AM	Mark	IL	559		449	
0234	KJ3V	Lynn	AL	599		559	
here I moved up to 7.050 neighborhood							
0250	AC6LA	Dan	CA	589		559	

After 0234UTC I was hurting to find a place that
I could hold and not get clobbered.

Rig - SW-40+ at 0.95W as measured OHR WM-2
Ant - 40M/10M offcenter fed 300 ohm ladderline antenna
called the K5F0 special, but it's just a plain setup
MFJ-941C tuner
CMOS III keyer and WBL paddle set for 20wpm most of the time.
I was lucky and didn't make too many errors sending. I think.

All equipment gel-cell powered 7Ahr. SGI headphones.

14 contacts for K5F0 Thanks to all that tried.

The receiver on the SW-40+ is quiet and it can hear
the noise floor from atmospheric noise, etc. Has
good selectivity.

FYI

Chuck Adams K5F0 Dallas,TX CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Wed, 01 Apr 1998 20:47:57 -0800
From: Jerry Parker <jparker@fix.net>
To: qrp-1@Lehigh.EDU
Subject: [7406] NorCal Meeting Coverage
Message-ID: <2.2.32.19980402044757.006a8844@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Heres the problem.

I cannot make the NorCal Meeting this Sunday. Soooooooooooooo,
how about some help with coverage of the meeting for the NorCal Page???

Pictures are good and a report would be great.

If you can help please email me and let me know so we can discuss formats etc.

Thanks to one and all,,,72,,,Jerry...WA6OWR...K

Date: Wed, 1 Apr 1998 21:35:59 -0700 (MST)
From: af852@rgfn.epcc.edu (William R Colbert)
To: qrp-1@Lehigh.EDU
Subject: [7407] Re: Bug Weights
Message-ID: <199804020435.VAA05859@rgfn.epcc.edu>

I have used in the past a 1.5 to 2 oz fishing weight - if there is no slit in the side, the soft lead is easily cut with a hacksaw and then placed over the lever of the bug (flat) and lightly squeezed together for a fast fit. If the lever is round - drill a small hole thru the center before slitting with the hack saw - maaybe a 1/8" bit and that worked well for me. Smaller weights can be used as well for a less dramatic effect, then added one at a time until the right

speed, feeling is achieved. hope that helps a bit.
73 Ray

--

Ray Colbert, W5XE
00TC 3618, SOWP 1064M
El Paso, Tx (Far West Texas)

Date: Wed, 01 Apr 1998 23:46:23 -0800
From: Charles Kadesch <chas@digizen.net>
To: qrp-l@Lehigh.EDU
Subject: [7408] FS - Power Supplies
Message-ID: <3523424F.39D1@digizen.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

At a recent hamfest I bought a small box of new Mitsubishi 12 VDC power supplies that appear to be similar to the "power supplies on steroids" that were available a few years back. They are regulated and the voltage is adjustable up to 13.5 VDC. Very conservatively rated, I loaded one at 2 amps output continuous for several hours. With the Elmer project in take-off mode, I thought they might be of interest.
Price= \$10 ea plus shipping (limit of one).
-72 de Chas W3KC-

Date: Wed, 01 Apr 1998 23:33:24 -0600
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-l@Lehigh.EDU
Subject: [7409] Re: Bug Weights
Message-ID: <1.5.4.32.19980402053324.00889860@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

KCOPP suggests inserting a stack of small washers between the weights on a bug with a round operating arm. Remove the washers incrementally as skills improve. This procedure does not harm the bug in any way.

I believe this is the simplest and cheapest method to control a bug during

the learning process.

de Dave, NF0R nf0r@slacc.com

Date: Wed, 1 Apr 1998 22:45:28 -0700
From: "Steve Galchutt" <n0tu@webaccess.net>
To: "\"Low Power Amateur Radio Discussion\"" <qrp-1@Lehigh.EDU>
Subject: [7410] KH6AFS de N0TU
Message-ID: <006001bd5dfa\$9478e500\$46a8a3cc@SG2939M.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Sam....WOW that was great FUN! You were RST/549 - ur 3 watts into that bobtail curtain was the only QRP signal on the band here in CO. I was amazed what a few watts (1.9w) from my lil' Sierra could do with a piece of wire in the trees! Tks agn Sam for my first 40m/QRP HI contact!! My QSL is in the mail.

72...Steve

"No better feeling than building ur own rig and working the world with it!"

n0tu - solar powered QRP & wire antennas @ 7,200' ASL
Monument, Colorado - Grid Sq DM79nb
email: n0tu@webaccess.net

Date: Thu, 2 Apr 1998 01:17:02 -0500 (EST)
From: Bob Patten <n4bp@bc.seflin.org>
To: Tim Ahrens <tahrens@inetport.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [7411] Re: qrpp with Icom 706MK II
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 1 Apr 1998, Tim Ahrens wrote:

>
> Hi All - through the menu program I can get the box down to about
> 2.5/3 watts, but I'd like to go a bit lower.
>
> I tried hooking up -9v through a pot into the alc connection on
> the back, and it appeared to drop the power, but extremely touchy,
> and the power didn't stay steady.
>

You need to set limits on the voltage swing for the pot to adjust as a very small range of voltage has a very large affect on the power out. I posted a .GIF file on my web site showing a circuit that will adjust the power output from 0-10 watts. The URL is in my sig line below...

73,

Bob Patten, N4BP

(0 0)

Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org

Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>

Brass Pounder BBS: (954) 472-7715

Date: Thu, 2 Apr 1998 01:47:25 -0900

From: Bruce Hopkins - KL7JAF <kl7jaf@eagle.ptialaska.net>

To: qrp-l@Lehigh.EDU

Subject: [7412] Re: FS: 38 Special / Ten-Tec ARG0 556 / HTX-100 / etc...

Message-ID: <[v03007800b1491ae8975f@\[204.119.15.136\]](mailto:v03007800b1491ae8975f@[204.119.15.136])>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hi Gang...

As of this time, lots of names in the hat for the 38-Special... I will let my wife draw a name tomorrow afternoon and post it to the list...

The HTX-100 is spoken for...

Still have the ARG0-556 and the Uniden scanner available...

Having major ISP headaches right now... Please note the address change, however, they claim that my old address should continue to work... If you try me and it bounces try me at my old address <kl7jaf@polarnet.com>... If you still have problems I guess I will have to use the list for a

couple of days until they get this all straightened out... It appears that the Alaska QRP Club web site will be down as well during this switch over to the new system...

Take care and have fun...

72 / 73 / oo's - Bruce - KL7JAF

"Alaska QRP Club" - Web Site: <http://www2.polarnet.com/~bhopkins/akqrp>

Date: Thu, 2 Apr 1998 06:27:25 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: QRP-L List <qrp-l@Lehigh.EDU>
Subject: [7413] Re: weights (fwd)
Message-ID: <Pine.GSO.3.96.980402062501.18087B-100000@moe>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This is the reply, with detailed information on available bug accessories from Paul H. Bock. Please pass along the info to any FISTS member and any others interested in CW. And start making inquiries of real old timers as to whether they have an old bug in the attic or basement gathering dust when it could be gathering QSOs.

-73-

LB, W4RNL

----- Forwarded message -----

Date: Wed, 1 Apr 1998 21:45:48 EST
From: PaulHBock <PaulHBock@aol.com>
To: cebik@utkux.utcc.utk.edu
Subject: Re: weights

LB,

Mitch (at Vibroplex) *claimed* over a year ago to be making up a bunch of the square weights, but I have no idea if they ever materialized. I've made two, but they were labor-intensive because I had to do the slot by hand. I now have a milling attachment for my Sherline lathe but need some additional accessories (and some practice in setup, etc.) before I'm ready to make any

more (I'll cut the slot with a suitable slitting saw). However, if there is a need I'll try to get onto this sooner rather than later and will advise you when I'm ready, and you can alert the group. I'll have to contact my plater and see what they'll cost to plate, but I would guess about \$1.50-\$2.00 each in shiny nickel (he doesn't do chrome). I already have a source for the knurled NP thumbscrews, so that's taken care of, and I can cut the thick flatwashers from brass round stock on the lathe and have them plated as well.

I can already do the standard round weights, but buyers will have to get the thumbscrews from Vibroplex (at \$4.00 each!) as I haven't been able to find a duplicate of the round weight thumbscrew anywhere. My round weights are \$5 each with a "non-matching" thumbscrew installed, \$4.00 without the thumbscrew. I have none available at present but can make up some more if there is a demand.

I also make two versions of the "Slo-Bug" speed reduction device for Vibroplex bugs: a shaft extension and two round weights for the round-shafters (Original, Blue Racer, Presentation, Junior) and a flat extension plate with two small extra weights which attaches to the bottom of the square weight on a flat-shafter (Lightning Bug, Champion, Zephyr, Vibroplex/Lionel/Bunnell J-36). Either Slo-Bug is \$15 (with weights) but I'm out of them at present, too..... Sorry, I have nothing for a Model X or Double Lever, but those things belong in a museum, anyway, HI!

The flat-shaft Slo-Bug moves with the stock weight, so it can be "retracted" and the bug still fits in the old-style end-door case. With the round-shaft Slo-Bug (which is a shaft extension) it must be removed to put the bug in the old-style case, but with the new cheaply-built plastic, foam-lined, overpriced case the Slo-Bug can be left installed.

Speed ranges with the round-shaft Slo-Bug vary depending on the mainspring thickness, but with a 0.018" mainspring (the thickest ever used until the '97 bugs showed up) the minimum speed with two weights is about 14 WPM. With some of the older pre-1955 or so Racers that figure is closer to 16 or 17 WPM (because the shaft is shorter and the spring is pretty thick) but later Racers (I have a '62) have about a 0.013" thick spring and go slower.

Flat-shaft Slo-Bugs typically give a speed range of 14-24 WPM with two weights and 18-28 with one, by moving the main weight (and the Slo-Bug) back and forth. As with the round-shaft models mainspring thickness will have an effect, but because the flat-shaft version moves along with the regular weight and augments it the adjustable range is much higher without adding/removing weights. In many ways the flat-shaft model (which was really an afterthought) is the most versatile.

You might pass all this along to the group.

Paul, K4MSG

Date: Thu, 2 Apr 1998 07:41:15 -0500
From: Ronald_A_Pfeiffer@res.raytheon.com
To: qrp-1@Lehigh.EDU
Subject: [7414] Antenna Parts
Message-ID: <852565DA.004500D1.00@ressud-as01.res.ray.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii

Looking to build antennas but have no idea where to get stainless steel parts like pulleys, U-bolts, element-to-boom, boom-to-mast, etc. Any pointers to where to purchase these items would be appreciated. I currently have, ready to mount,
a Two-element 10 meter Moxon beam, as described in L. B. Cebik's web page.

Date: Thu, 2 Apr 1998 09:54:44 -0500 (EST)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [7415] Potential Dayton QRP Forum at Hara!
Message-ID: <Pine.LNX.3.95.980402095222.28996A-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I've been given a choice of three time slots.

Two of them are on Sunday (yuck, and I'll be on the way home)
One is on Friday from 8:15 - 10:00.

I'll be glad to do the lion's share of this forum.

It'd be nice if others could help out.

The inside stuff won't be open yet, which may help or hurt attendance.

If I let them know by today, we can get in the official program!

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Thu, 02 Apr 1998 09:05:18 -0800
From: mike czuhajewski <wa8mcq@abs.net>
To: QRP forum <qrp-l@Lehigh.EDU>
Cc: Bob White <bobwhite@accesscom.com>, Bruce Musolino <w6toy@erols.com>, Chris Trask <ctrask@primenet.com>, Joe Gervais <vole@primenet.com>, Larry East <w1hue@amsat.org>, Mike Czuhajewski <wa8mcq@abs.net>, Monte Stark <ku7y@sage.dri.edu>, Rich Fisher <nu6sn@aol.com>,
Subject: [7416] April QRP Quarterly hot off the press
Message-ID: <3523C54E.42EB@abs.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Forgive me if this has been mentioned already--I'm in digest mode and several days behind--but the April issue of the QRP Quarterly is hot off the presses. I just got my advance box of copies (we sell some at Maryland Radio Center, on the rack beside QST, CQ, 73, etc) and it weighed a ton this time. Remember those comments I made about the January issue being a horse choker? That goes double for this one! It's 88 pages, something we cannot possibly afford to do on a regular basis, but it sure is nice to do it every now and then! (It usually takes a full quarter for those 20 copies at MRC to sell, but the January issue--bigger than ever and with a color cover--sold out in just under a month, which is absolutely unprecedented! I'll be watching closely to see how fast the even larger April issue goes.)

The April issue represents a huge amount of work by a lot of folks. Many people take a lot of the load off the editor by providing articles and columns in camera-ready form, using desktop publishing packages such as Microsoft Publisher, or in computer files that need minimal processing, but KU7Y still has to handle a lot of it himself as well as assemble all of the ready-to-print inputs into a coherent whole. He's worth every penny we pay him! (Uh, better make that "he's worth a helluva lot more than we pay him" since everyone who works on the QRP Quarterly is voluntary labor!)

Those who are already subscribers should have yours as soon as they escape the USPS's Mail Mangling Machines. If you are not a subscriber, or January was your last issue and you have not renewed yet, it's too

late to get this one although you may be able to buy them from K3TKS. He gets the press overruns and handles back issue sales. If you are a subscriber, or did renew by the well published deadline, you're in for a treat :-). BTW, I contributed to the size a bit myself. My Idea Exchange column was an unprecedented 13 pages, helped in large part by the huge amount of HW-9 modifications posted to QRP-L (and printed in QRPP) a while back by Gary Surrency, AB7MY, a very fine piece of work in it's own right.

There is a survey form in this issue, asking for some reader input. Be sure to take a look at it and make any comments you want. (Since there's an article or something on the other side, photocopy it or just write up your comments on paper or send via e-mail to the editor, KU7Y.) One of the questions is whether you'd be willing to pay a few extra dollars for the option of first class mail--we currently use bulk rate, which can be slow but does allow us to produce a significantly larger journal. (One option which we are NOT exploring is to send it via first class mail and keep the current price structure. That would automatically guarantee a smaller Quarterly, something we do NOT want to do.)

By the way, if the QRP Quarterly was in the smaller format used by a large number of other QRP journals, this issue would be 176 pages! We've long since done what we could to squeeze more info into the space available, such as going to smaller type sizes and narrower margins for many of the articles and columns, but we're still having a problem keeping the number of pages down. (The "official" size of the QRP Quarterly is 48 pages minimum, though we've exceeded that many times.)

Oh yeah....for those who don't know what it is, the QRP Quarterly is the journal of the QRP Amateur Radio Club International (QRP ARCI). Membership includes a one year subscription to the QRP Quarterly. Membership and annual subscription renewals are \$15 in the US, slightly higher elsewhere. (And no, we do NOT send the DX copies out by bulk or surface mail--those go by air.) Note that I am not giving any further details about joining up, subscribing or renewing. That's a sneaky way of getting more publicity--other people will have to make more posts with that information, and that's more exposure for us :-)

--

73 and Queue Our Pea de WA8MCQ wa8mcq@abs.net
President, QRP ARCI

Date: Thu, 2 Apr 1998 11:33:00 +0100
From: "Bob Duckworth" <wb4mnf@atl.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [7417] Re: slow bugs

Message-ID: <199804021418.JAA12679@atl.org>

Hey-

No need to slow 'em down!

Bug is for when you can't send any faster with the pump handle.

-bob

Date: Thu, 2 Apr 1998 10:06:36 -0500
From: "Vincent Ferme" <vferme@sprint.ca>
To: <qrp-l@Lehigh.EDU>
Subject: [7418] To list members in Seattle, WA.
Message-ID: <005e01bd5e48\$eefe9580\$ad1205d1@frsswilap04284.callnetcanada.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Good Morning,

Would a list member in Seattle, contact me by private e-mail, regarding the
purchase
of a Fluke 85-RF Probe?

Thanks,

Vince, VE3VFN.

Date: Thu, 2 Apr 1998 10:37:52 -0500
From: John Mckee <JMckee@RFMD.com>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>
Subject: [7419] portable vertical antenna
Message-ID:
<c=US%a=_%p=RF_Micro_Devices%l=PACHACUTEC-980402153752Z-39770@proxy1.rfmd.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Gang,

A few days ago, someone had a post asking about walking stick verticals. I posted a reply that I had seen a couple of articles in QST and would look them up if anyone was interested.

I was browsing through some back issues looking for something else when I came across one of the articles I mentioned.

In the December 1995 issue, page 64, Rob Capon W3DX described a very lightweight 20 meter vertical antenna made from aluminum tent poles with an elastic bungee running through the tubing. It folds down to what looks like less than 24" in length.

He also referenced his first article in the December 1994 issue, page 72.

This was his original walking stick vertical antenna article. Hope this information is helpful.

73

John WB4OFT

Date: Thu, 02 Apr 1998 15:41:54 +0000
From: Ed Loranger <we6w@qsl.net>
To: cebik@utkux.utcc.utk.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [7420] Re: slowing ug down
Message-ID: <3523B1C2.73B9@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

After all this talk about "Flat" reeds on these bugs, I went home and got to thinking of a homebrew solution for adding weight to slow them down.

How about slicing a disc off the end of brass stock diameter of your choice, or the end of weightlifting bar or other rolled steel.

Then hacksaw into the edge and toward the middle stopping at the middle. You have a circular disc with a slot in it.

I see this weight slipped over the flat arms/reeds of bug incorporating that type of flat reed. Then, either get a Tie-Wrap and cinch it on snugly, or drill and tap across the gap of the weight such that you tighten around the weight and not to the reed. Grips tight. (I

hope).

Well, it's an idea...

-Ed

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Thu, 2 Apr 1998 08:43:24 -0700 (MST)
From: af852@rgfn.epcc.edu (William R Colbert)
To: qrp-l@Lehigh.EDU
Subject: [7421] Re: Bug Weight
Message-ID: <199804021543.IAA02535@rgfn.epcc.edu>

There have been many good suggestions about how to slow the bug actions with additional weights. One additional item that I have used (in addition to the fishing weights) is copper Kearneys (sp?) or copper split bolts for splicing various sizes of electrical wires. They come in various sizes and weights, already have the split, and can be tightened down to prevent slippage. One of the small ones, maybe two will provide all the weighting that one could wantxxxxxxxx want.

73

Ray

--

Ray Colbert, W5XE
00TC 3618, SOWP 1064M
El Paso, Tx (Far West Texas)

Date: Thu, 02 Apr 1998 15:49:28 +0000
From: Ed Loranger <we6w@qsl.net>
To: timcook@erinet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [7422] Re: WTB: Ant Tuner
Message-ID: <3523B388.562F@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I was looking through the 1977 Amateur Radio Handbook lastnight.
(Great Reading, folks! You gotta open them hdbks up more often.)

Anyway, there is a very interesting 'One Band' tuner. You only tune ONE knob. The knob/Shaft control two hand-wound, 6-turn coils in/out of phase with the fixed outer coils. Neat stuff.

The only capacitor in the whole thing is an output capacitor homebrewed from aluminum plate and spacers. Right down my alley! You don't have to buy anything! Tunes the whole band. In this case one knob for the whole 80 meter band.

Check it out. It is in the chapter just prior to 'HF Antennas'.

Simple. Totally Homebrew and great for that optimized antenna you only use on one band.

-Ed

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Thu, 2 Apr 1998 16:07:53 GMT
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-l@Lehigh.EDU
Subject: [7423] Elemer101: Schematic in PDF format
Message-ID: <199804021607.QAA07805@chuck.dallas.sgi.com>

Noone asked for this, but I thought, what the hey, let's try it and see if it works better. Most web browsers have an interface to Acrobat 3.0, a display interface for PDF images.

I used a ghostscript utility called ps2pdf to create from the PostScript file for the schematic of the SW-40+ a PDF image of the schematic. Maybe this will help those that have not been successful using the GIF or JPEG images. Let me know if this is better.

FYI

Chuck Adams K5FO Dallas,TX CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Thu, 2 Apr 1998 11:07:35 EST
From: DENNIS MO <DENNISMO@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [7424] QRP WEB SITE
Message-ID: <7024d549.3523b7c8@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: quoted-printable

This is an old thread.....

A few months ago I asked for help on getting into the QRP web site. The=
=0Awebsite address (<http://qrp.cc.nd.edu/qrp-l/index.html>) was posted by =
several=0Aof you kind folks but I could never get it to work. I tried Ne=
tscape Gold=0Av3.x and MS Explorer with out any luck. Today I upgraded m=
y American On Line=0Asoftware and it uses MS Explorer v4.0 and it works a=
little better. I can get=0Ato the initial screen that says: =

```
-----  
internet  
  
Q  
R  
P  
  
club  
-----  
enter
```

That is as far as I can get. When I click on enter nothing happens. I=
s=0Athis site under construction or am I still missing something.?

Before this was just a curiosity now..... It's personal....! hi hi

Any suggestions.....?

tnx es.....

73's es 72's de Denny / KF6NJQ

Denny / KF6NJQ
FISTS # 4570 / QRP-L # 1359
10-X # 69158
Promise Keeper

HAMing It Up Everyday In Goleta, CA

Section: Santa Barbara

Long: 34.437 N Lat: 119.868 W=A0=A0=A0

Grid: DM04BK

Date: Thu, 2 Apr 1998 16:18:27 GMT
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-1@Lehigh.EDU
Subject: [7425] Re: QRP WEB SITE
Message-ID: <199804021618.QAA08093@chuck.dallas.sgi.com>

Gang,

I just tried

<http://qrp.cc.nd.edu/qrp-1/index.html>

and it works. You get a screen in black with white text.
You have to click on 'Enter' to get anywhere after that.
It's not exactly clear in that 'Enter' is not emphasized
from the rest of the text.

Hope this helps Denny and the group.

dit dit

Chuck Adams K5FO Dallas,TX CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Thu, 02 Apr 1998 12:35:06 +0000
From: "Jeff T. Casey" <JCASEY@fac.har.sunysb.edu>
To: QRP-L@Lehigh.EDU
Subject: [7426] Quick & easy bug mod
Message-ID: <10693DA71828@fac.har.sunysb.edu>

Gang,

Here's a quick and easy idea for slowing down your bug dits. Get a
standard size alligator clip (with no wires attached!), such as those
sold by Radio Shack. If your bug has a round arm, you should be able
to slip the alligator clip onto the end of the arm (with perhaps a

little bending to adjust the size of the clip's aperture), just as you would slip it onto the end of a wire if you were making up clip leads. The clip is now an extension of the arm as it extends out from the back of the bug.

You can try putting a nut, washer or other object in the teeth of the clip in order to produce the desired speed. At one point I had several different sized nuts calibrated for different speeds in WPM. You'll find that, because of the extended length of the arm, very little weight is needed to slow the bug way down. Also, you can still move the bug's regular weight back and forth as you normally would, although the resulting speed range will be less than that without the alligator clip.

See you on the air!

72 & 73,
Jeff
WB5GWB, Long Island, NY

Email me for info about the Long Island QRP Club

Date: Thu, 02 Apr 1998 10:43:18 -0600
From: "George T. Baker" <w5yr@swbell.net>
To: DENNISMO@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [7427] Re: QRP WEB SITE
Message-ID: <3523C026.10FEF71B@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Denny, the site works great for me. I am running NetScape 4.01 under W95b. I use SW Bell for an ISP. Maybe AOL is the problem?

-

72/73, George
Amateur Radio W5YR (since 1946)
QRP-L #1373 QRP ARCI #9583
AutoPOWER Systems
Fairview, TX (30 Mi. N. of Dallas)

DENNIS MO wrote:

>

> This is an old thread.....

>
> A few months ago I asked for help on getting into the QRP web site. The
> website address (<http://qrp.cc.nd.edu/qrp-l/index.html>) was posted by several
> of you kind folks but I could never get it to work. I tried Netscape Gold
> v3.x and MS Explorer with out any luck. Today I upgraded my American On Line
> software and it uses MS Explorer v4.0 and it works a little better. I can get
> to the initial screen that says: -----

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club
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> That is as far as I can get. When I click on enter nothing happens. Is
> this site under construction or am I still missing something.?

> Before this was just a curiosity now..... It's personal....! hi hi

> Any suggestions.....?

> tnx es.....

> *****

> 73's es 72's de Denny / KF6NJQ

> Denny / KF6NJQ

> FISTS # 4570 / QRP-L # 1359

> 10-X # 69158

> Promise Keeper

> HAMing It Up Everyday In Goleta, CA

> Section: Santa Barbara

> Long: 34.437 N Lat: 119.868 W

> Grid: DM04BK

-

Date: Thu, 2 Apr 1998 12:48:20 EST
From: DENNIS MO <DENNISMO@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [7428] Re: QRP WEB SITE

Message-ID: <8631e5a4.3523cf66@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: quoted-printable

Chuck Adams -

No way..! I've clicked the <enter> and nothing happens. Actually the entire area around the picture is clickable. But no luck.... This is really personal now.....! hi hi Am I the only guy that can't get into the site? Maybe I shouldn't be using my QRP PC's running at 200 and 300 Hz. clock speed. Maybe I need to fire up my old 286 QRP PC! Yea ...I'll try that next -

Hi George Baker & Mike Souhrada

I've tried it running Netscape through our Intranet - bypassing Compuserve and AOL and no much better luck.....

Hi Ukii -

I've tried everything everyone has suggested. When I tried the URL:
<http://qrp.cc.nd.edu/qrp-1/welcome.html/> is automatically appended to the address and I still end up at the same black "enter" screen. When my cursor gets near any part of text on the screen the cursor changes from an arrow pointer into a hand. But - no cigar.. The bottom of the screen says that it is connecting to a server but then nothing happens.

Summary....

I've tried the following ways unsuccessfully to get into the QRP Club Site:

- =091. AOL 3.0 and 4.0 with MS Explorer 3.x and 4.0
- =092. Compuserve with whatever browser they provide
- =093. My companies IntraNet server using Netscape gold 3.02.
- =09
- =09What I haven't tried is getting an old QRP IBM PC-XT (8088) computer and trying it QRP style! Whada ya think?

tnx to all who respnoded - I'll keep trying!

73's es 72's de Denny / KF6NJQ

Denny / KF6NJQ
FISTS # 4570 / QRP-L # 1359
10-X # 69158
PROMISE KEEPER

HAMing It Up Everyday In Goleta, CA

Section: Santa Barbara
Long: 34.437 N Lat: 119.868 W=A0=A0=A0
Grid: DM04BK
WEB PAGE: <http://member.aol.com/dennismo>

Date: Thu, 2 Apr 1998 10:33:17 -0700
From: "Steve Galchutt" <n0tu@webaccess.net>
To: "\"Low Power Amateur Radio Discussion\"" <qrp-1@Lehigh.EDU>
Subject: [7429] Fw: FS:Tec QRP stuff.....
Message-ID: <003801bd5e5f\$3ff0ed60\$47a8a3cc@SG2939M.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thought you all might be interested
72...Steve/n0tu

-----Original Message-----

From: KF6IKC@webtv.net <KF6IKC@webtv.net>
To: baswaplist@foothill.net <baswaplist@foothill.net>
Date: Thursday, April 02, 1998 8:16 AM
Subject: Ten-Tec QRP stuff.....

A lot of old Ten-Tec QRP rigs and accessories.
just to name a few:
Century 21
2 - 405 xmitters
2- Argnaut 509
2-244 freq. counters
3- 100kc calibraters
1-240 160 meter converter

and lots more. Would like to sell all of it at one time. Will make a heck of a deal!!

73's
Stan KF6IKC
(530)241-0843

Date: Thu, 2 Apr 1998 09:37:20 -0800
From: dave_epps@juno.com
To: qrp-l@Lehigh.EDU
Subject: [7430] Adrian Weiss
Message-ID: <19980402.093723.6678.8.dave_epps@juno.com>

Has anyone heard from Adrian Weiss lately?
dave ab5pc fresno, ca.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: 02 Apr 1998 12:52:37 -0500
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
To: qrp-l;;
Subject: [7431] Elmer101: QSK in the SW40+
Message-ID: <1998Apr02.125237-0500@[130.113.234.7]>

Here's some of the circuit description I've been working on.
Questions will be happily answered.
Glen VE3DNL leinwebe@mcmaster.ca

QSK in the SW-40+

=====
All-electronic switching between transmit and receive allows you to hear your receiver, even between dits (if you're slow like me). So your key is also the transmit/receive switch. Very handy. This rather long note goes through all the receiver and transmitter functions that have to be switched, with an eye on the critical timing involved.

The external key

=====

Your key is a normally-open switch, with two wires. One wire connects to ground, the other to the keyline. During receive, the keyline will be pulled up close to the DC power supply voltage by R21(10k) and R20(22k). No current flows into the keyline, because it is now open-circuit. When you hit the key, the keyline is now exactly zero volts. About 1.1 milliamp flows through R20, through the key, to ground. There will also be an additional current surge through D5, as it discharges C24(0.1uf). When the key is released, the keyline voltage immediately is pulled back up by R21(10k) and R20(22k) to the +12v supply voltage.

So the key acts only on two circuit blocks: the receiver mute gate Q1(MPF102), and Q3(2N3906) a PNP transistor that switches on the transmit circuits.

Let's look at the time sequence from the moment you hit the key. The very first thing that happens is that the receiver audio is shut down. D5(1N4148) discharges C24(0.1uf) VERY quickly. When the gate of Q1(MPF102) is grounded, 8 volts appears between source and gate causing the FET to stop conducting, disconnecting U4a from U4b. The only connection left is through R9(4.7MEG), which leaks enough audio to hear the transmit sidetone.

Almost at the same time, Q3(2N3906) turns ON, and its collector starts to pull up the transmitter supply to U5(SE612), Q4(2N4401), and Q5(2N4401) from zero volts. But C110(3.3uf) slows the rising rate a little. This capacitor softens the keying edges to prevent keyclicks.

While U5's supply rises, its 4.0Mhz oscillator starts up, and U5 starts mixing it with the VFO frequency, which has been there all the time. So now we have a slowly building 7Mhz RF amplitude coming out of Q5: all this while Q3 continues to pull up the supply voltage.

Notice that Q6 (the transmitter final amplifier) ALWAYS has its supply connected, even during receive. It is a Class-C amplifier, so that if no 7Mhz. RF comes in, it does nothing - it is OFF. Only when the RF amplitude at its base builds above 1.2v p-p does it start to amplify.

At this point, we are right at the beginning of a dit or dah.

So now we have watt(s) of 7Mhz power going out the antenna.... and INTO THE RECEIVER!...whoa! A quartet of silicon diodes (D7 - D10) limits the amplitude that the receiver sees. Amplitude is limited enough to prevent damage to U1. The receiver still sees a mighty big signal. The result is a huge audio sinewave at U4a, pin 1. That's where the mute

gate cuts it back.

The transmitter sees a slightly non-linear capacitor at C40(47pf). The effect is to place C40 in parallel with C37, which is much more dominant.

Now you're transmitting a signal, and hearing a 800Hz. sidetone in your phones - the transmitter is now in the middle of a dit or dah.

At the End of a Dit or Dah:

=====

The key goes up, and Q3(2N3906) turns off. letting the transmitter supply slide back down toward zero. The supply falls because the current path through Q3 has been broken. Once again, C110(3.3uf) slows the fall to prevent keyclicks. U5 is the last to shut down as the supply goes down.

The audio mute gate takes some time to turn back on. C24(0.1uf) had been held discharged by D5 through the (grounded) keyline. With the keyline back up at +12v, D5 no longer conducts, and C24 charges slowly through R8(1MEG), back up toward +8v.

Only after about a tenth of a second does C24 rise close enough to +8v for the FET to re-connect U4a to U4b. By this time, the receiver has recovered from hearing its own transmitted signal - the sidetone (which was HUGE) - and U4a has settled down to amplifying QRP audio signals. By this time, the transmitter section has been off for a while, and you're now listening to a sensitive receiver....till the next 'dit'.

Date: Thu, 2 Apr 1998 13:34:07 -0500
From: "Harry Hurst" <hhurst@delaware.infi.net>
To: <qrp-1@Lehigh.EDU>
Subject: [7432] Noise
Message-ID: <199804021825.NAA10970@fh101.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

After 20 perfectly happy years of inactivity, I found this list. Now I gotta get back on again! QRP and mostly homebrew of course. So...

I built one of those Ramsey mini-receivers to get started. Yup, that LM386 is as noisy as a Heathkit Twoer! Yup, it drifts all over the band too. But, it was cheap, arrived in two days, and was working after a fashion, in an hour.

So far, I have mounted the board in an old printer switch box, and got the tuning range down to 7000 - 7090. The drift isn't too bad after the rig is on for a minute or so. Added an output transformer on the 386, and feed the hi-z output to a speaker amp.

What I want to do is add a low noise filter and preamp to feed the '386 with the 386 gain cranked down to 20 or less. Can someone recommend a low-noise version of an LM741? Would also like to replace the L0 caps with polystyrene caps. Who sells 'em? Didn't see them in Mouser, Digi-Key or Tech America catalogs.

I don't which sucks more, my rusty cw, or the radio. Anyway, I am sticking with it, listening every day, and slowly getting my speed back. I could drive over to Ham Radio Outlet and buy a ricebox today, but somehow it wouldn't be as much fun!

* * * * *
Amateur Radio - WA3PTG
QRP-L #1464
Wilmington DE
* * * * *

Date: Thu, 2 Apr 1998 13:30:57 -0500
From: "Fishman, Clark" <cfishman@pica.army.mil>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>,
"leinwebe@mcmail.CIS.McMaster.CA" <leinwebe@mcmail.CIS.McMaster.CA>
Subject: [7433] RE: Elmer101: QSK in the SW40+
Message-ID: <61184F6C1EF9D0119A6300609798EA46A209B1@pica-emh9.pica.army.mil>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

The four diodes in the antenna circuit are used in a very clever way. Capacitor C40 (47 pf) and inductor RFC3 (10 uh) are series resonant at about 7 Mhz and each has a reactance of about 480 ohms at 7 Mhz....putting the limiting diodes between the L and C should be very effective because they are operating on a high (480 verses 50 ohm) impedance line...nice work Dave

Clark Fishman WA2UNN cfishman@pica.army.mil

> -----
> From: Glen Leinweber[SMTP:leinwebe@mcmail.CIS.McMaster.CA]
> Reply To: leinwebe@mcmail.CIS.McMaster.CA
> Sent: Thursday, April 02, 1998 12:52 PM
> To: Low Power Amateur Radio Discussion
> Subject: Elmer101: QSK in the SW40+
>
> Here's some of the circuit description I've been working on.
> Questions will be happily answered.
> Glen VE3DNL leinwebe@mcmaster.ca
>
> -----
> QSK in the SW-40+
> =====
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> to hear your receiver, even between dits (if you're slow like me). So
> your key is also the transmit/receive switch. Very handy. This rather
> long note goes through all the receiver and transmitter functions that
> have to be switched, with an eye on the critical timing involved.
>
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> connects to ground, the other to the keyline. During receive, the
> keyline will be pulled up close to the DC power supply voltage by
> R21(10k) and R20(22k). No current flows into the keyline, because it
> is now open-circuit. When you hit the key, the keyline is now exactly
> zero volts. About 1.1 milliamp flows through R20, through the key, to
> ground. There will also be an additional current surge through D5, as
> it discharges C24(0.1uf). When the key is released, the keyline
> voltage
> immediately is pulled back up by R21(10k) and R20(22k) to the +12v
> supply voltage.
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> So the key acts only on two circuit blocks: the receiver mute
> gate Q1(MPF102), and Q3(2N3906) a PNP transistor that switches on the
> transmit circuits.
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> Let's look at the time sequence from the moment you hit the key.
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> down. D5(1N4148) discharges C24(0.1uf) VERY quickly. When the gate of
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> causing
> the FET to stop conducting, disconnecting U4a from U4b. The only
> connection left is through R9(4.7MEG), which leaks enough audio to
> hear
> the transmit sidetone.
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> starts to pull up the transmitter supply to U5(SE612), Q4(2N4401), and
 > Q5(2N4401) from zero volts. But C110(3.3uf) slows the rising rate a
 > little.
 > This capacitor softens the keying edges to prevent keyclicks.
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 > starts
 > mixing it with the VFO frequency, which has been there all the time.
 > So now we have a slowly building 7Mhz RF amplitude coming out of Q5:
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 > supply connected, even during receive. It is a Class-C amplifier, so
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 > to prevent damage to U1. The receiver still sees a mighty big signal.
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 > gate cuts it back.
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 > dominant.
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 > in your phones - the transmitter is now in the middle of a dit or dah.
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 > supply slide back down toward zero. The supply falls because the
 > current
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 > fall
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> receiver has
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> (which was
> HUGE) - and U4a has settled down to amplifying QRP audio signals.
> By this time, the transmitter section has been off for a while, and
> you're now listening to a sensitive receiver....till the next 'dit'.
>

Date: Thu, 2 Apr 1998 13:36:04 EST
From: DENNIS MO <DENNISMO@aol.com>
To: adams@chuck.dallas.sgi.com, qrp-l@Lehigh.EDU
Subject: [7434] Re: QRP WEB SITE
Message-ID: <a059e7d5.3523da96@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: quoted-printable

Chuck -

We are making progress...!!!!
Your first suggestioin : <http://qrp.cc.nd.edu/QRP-L/index.html> Same=
=0Anegative results!

But the following URLs worked just fine.....

<http://qrp.cc.nd.edu/QRP-L/clubinfo.html>
<http://qrp.cc.nd.edu/QRP-L/catalog/index.html>
<http://qrp.cc.nd.edu/QRP-L/pictures.html>
<http://qrp.cc.nd.edu/QRP-L/qrpinfo.html>

Chuck, Oddly enough when I clicked the "button" named "back" at the bott=
om of=0Athe screens the system took me back to the Welcom.html black scr=
een and when=0AI clicked the <enter> button ... nothing happened again. =
Is there a screen in=0Abetween this welcome screen and the four screens =
listed above?

I copied this e-mail to Steve Hideg. This info should help him find out=
what=0Ais going on.

Thanks again for all your help - and as far as the Bill Gates dweebs go =
--0AI'll put my trust in you QRP guys first and everytime. If Folks coul=
d get the=0Atype of help/support from Microsoft techs that the Amateur R=
adio community=0Agets from this LIST and Hams in general - Bill Gates wou=
ld be cannonized a=0Asaint - in this century while he is still alive..! i=
nstead of being thought of=0Aas the antichrist.

73's es 72's de Denny / KF6NJQ

Denny / KF6NJQ
FISTS # 4570 / QRP-L # 1359
10-X # 69158
PROMISE KEEPER

HAMing It Up Everyday In Goleta, CA

Section: Santa Barbara
Long: 34.437 N Lat: 119.868 W=A0=A0=A0
Grid: DM04BK
WEB PAGE: <http://member.aol.com/dennismo>

Date: Thu, 02 Apr 1998 13:54:20 -0500
From: Zack Lau <zlau@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [7435] Re: Bug Weights
Message-ID: <3523DEDC.6EF9@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sherline Mill--see April 1998 QST p. 77--Zack W1VT

Date: Thu, 2 Apr 1998 14:12:49 -0500
From: Steve Hideg <Steve.Hideg.1@nd.edu>
To: DENNISMO@aol.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [7436] Re: QRP WEB SITE
Message-ID: <v04003a0ab1499156e4fb@[129.74.35.26]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Okay. I've disabled the mechanism that redirects browsers to the welcome screen. This has been the cause of the problems. You should be able to get to the main page just fine now. Apparently something with AOL does not like the redirection mechanism.

--Steve Hideg

At 12:48 PM -0500 4/2/98, DENNIS MO wrote:

>Chuck Adams -

>

>No way...! I've clicked the <enter> and nothing happens. Actually the
>entire

area around the picture is clickable. But no luck.... This is

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>and

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>

>-----

>

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> 3. My companies IntraNet server using Netscape gold 3.02.
>
> What I haven't tried is getting an old QRP IBM PC-XT (8088)
>computer and
trying it QRP style! Whada ya think?
>
>
>tnx to all who respnoded - I'll keep trying!
>
>*****
>
>73's es 72's de Denny / KF6NJQ
>
>Denny / KF6NJQ
>FISTS # 4570 / QRP-L # 1359
>10-X # 69158
>PROMISE KEEPER
>
>HAMing It Up Everyday In Goleta, CA
>
>Section: Santa Barbara
>Long: 34.437 N Lat: 119.868 W
>Grid: DM04BK
>WEB PAGE: http://member.aol.com/dennismo

```

```

-----

Date: Thu, 2 Apr 1998 14:50:14 -0500
From: Tracy@bytemark.com (Tracy)
To: "'Steve.Hideg.1@nd.edu'" <Steve.Hideg.1@nd.edu>, "QRP-L (E-mail)" <qrp-
1@Lehigh.EDU>

```

Subject: [7437] RE: QRP WEB SITE

Message-ID: <01BD5E46.E0E3F780.tracy@bytemark.com>

Keep in mind that in most browsers there is an issue with the CACHE the browser uses to speed up access. If you have accessed a site that is disabled, or had a glitch when loading, the browser may never even check the web site for an updated page.

I've found, especially with the Netscape products, that you have to set its caching mechanism to check the data EVERY TIME you hit the url. Most browsers are set to check only once, then it uses the cached version instead.

In Navigator, under the preferences, you will find a dialog that allows you to set the caching behavior, and clear the disk and memory caches. The Microsoft browser cache settings are in control panel under the Internet icon.

I run into this problem frequently with people developing web sites. It's actually funny to watch a person get so frustrated that their newly uploaded changes don't seem to have taken! Clear the cache, and magically the new page appears ...

It sounded to me like this may be what happened to some of you at the QRP site. I had the same problem with Netscape 3.1 (which I leave caching on ...) but did not have the problem with Netscape 4.01 (in which I have disabled caching for development reasons.)

Hope that helps. Even if this is not the problem with the site, it should help clear up other complaints I've heard about our site and others.

OBQRP

We're testing our new QRP HF & VHF BALUNs. Looks like they'll be less than two inches by one inch, and should be able to handle about 20W into a good load. These designs are adapted from W2FMI High Power designs with consultation from Dr. Sevick himself. I never thought a QRP transformer would have tighter construction requirements than the higher power units!

I'll keep you posted as soon as we have model numbers and product available.

Tracy Markham, N4LGH, #1453

ByteMark / Amidon

Tracy@bytemark.com

www.bytemark.com/amidon

800 679-3184

-----Original Message-----

From: Steve Hideg [SMTP:Steve.Hideg.1@nd.edu]

Sent: Thursday, April 02, 1998 2:13 PM

To: Low Power Amateur Radio Discussion

Subject: Re: QRP WEB SITE

Okay. I've disabled the mechanism that redirects browsers to the welcome screen. This has been the cause of the problems. You should be able to get to the main page just fine now. Apparently something with AOL does not like the redirection mechanism.

--Steve Hideg

At 12:48 PM -0500 4/2/98, DENNIS MO wrote:

>Chuck Adams -

>

>No way...! I've clicked the <enter> and nothing happens. Actually the
>entire

area around the picture is clickable. But no luck.... This is

>really

personal now.....! hi hi Am I the only guy that can't get into the

>site?

Maybe I shouldn't be using my QRO PC's running at 200 and 300 Hz.

>clock speed.

Maybe I need to fire up my old 286 QRP PC! Yea ...I'll try

>that next -

>-----

>

>Hi George Baker & Mike Souhrada

>

>I've tried it running Netscape through our Intranet - bypassing Compuserve
>and

AOL and no much better luck.....

>

>-----

>

>Hi Ukii -

>

>I've tried everything everyone has suggested. When I tried the URL:

> http://qrp.cc.nd.edu/qrp-1/ welcome.html/ is

>automatically

appended to the address and I still end up at the same black

>"enter" screen.

When my cursor gets near any part of text on the screen

>the cursor changes

from an arrow pointer into a hand. But - no cigar..

>The bottom of the screen

says that it is connecting to a server but then

>nothing happens.

>

>-----

>Summary....

>

>I've tried the following ways unsuccessfully to get into the QRP Club Site:

>

- > 1. AOL 3.0 and 4.0 with MS Explorer 3.x and 4.0
- > 2. Compuserve with whatever browser they provide
- > 3. My companies IntraNet server using Netscape gold 3.02.

>

> What I haven't tried is getting an old QRP IBM PC-XT (8088)

>computer and

trying it QRP style! Whada ya think?

>

>

>tnx to all who respnoded - I'll keep trying!

>

>*****

>

>73's es 72's de Denny / KF6NJQ

>

>Denny / KF6NJQ

>FISTS # 4570 / QRP-L # 1359

>10-X # 69158

>PROMISE KEEPER

>

>HAMing It Up Everyday In Goleta, CA

>

>Section: Santa Barbara

>Long: 34.437 N Lat: 119.868 W

>Grid: DM04BK

>WEB PAGE: <http://member.aol.com/dennismo>

Date: Thu, 2 Apr 1998 14:47:59 EST

From: DENNIS MO <DENNISMO@aol.com>

To: qrp-l@Lehigh.EDU

Subject: [7438] QRP Club Website

Message-ID: <a304c8f5.3523eb71@aol.com>

Mime-Version: 1.0

Content-type: text/plain; charset=ISO-8859-1

Content-transfer-encoding: quoted-printable

To all who responded to offer me help on getting into the club's website =

-=0AWell I finally made it in!

Steve Hideg, the fellow that maintains the site, disabled the black welcome=0Ascreen and now I can get right into the main page of the site. Thanks again=0Ato all for your kind assistance.

73's es 72's de Denny / KF6NJQ

Denny / KF6NJQ
FISTS # 4570 / QRP-L # 1359
10-X # 69158
PROMISE KEEPER

HAMing It Up Everyday In Goleta, CA

Section: Santa Barbara
Long: 34.437 N Lat: 119.868 W=A0=A0=A0
Grid: DM04BK
WEB PAGE: <http://member.aol.com/dennismo>
=09=0A

Date: Thu, 2 Apr 1998 11:51:20 -0800 (PST)
From: talljazz@teleport.com (Dan Presley)
To: w2bj@juno.com
Cc: qrp-l@Lehigh.EDU
Subject: [7439] Re: Portable Antennas
Message-ID: <v01530510b149250895bd@[204.202.160.161]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>I had a recommendation from someone on the list for the Barker &
>Williamson AP-10 Window/Portable Antenna. I checked it on the WEB and
>called the company. Sounds interesting. Does anyone have experience
>with this antenna?

>

About 10 years ago I saw an ad for this antenna when it came out, and was interested but the price scared me off. In true ham fashion I started looking for a cheap alternative, and realized I had the makings of a similar antenna with parts from an old vertical, the Hy Gain 14AVQ 'novice' vertical. I used the original mounting base which was made to accept an SO-239 in the bottom, and I found that I could slide the bottom section of the tubing over a 6" piece of "Air-dux" (pre wound coil form) inside the base. I insulated the tubing from the coil and at the bottom mounted a jumper with an alligator clip in order to tap different turns on the coil'

thus acting as a loading coil for the antenna. The other end of the coil is attached to the tubing with the original clip used to feed the antenna. On the outside of the base I bolted a piece of angle iron bent to make a 45 degree bracket that would clamp to a window sash or picnic table with a "C" clamp or vise grips. With a decent counterpoise/radial system, this works pretty well for a restricted space antenna. The original aluminum tubing telescopes out to about 15 feet, but I've used it even shorter when necessary, and it still worked. This isn't a big "fox slayer", but it does get a signal out. I've seen these antennas pop up at hamfests for very cheap, so might be worth keeping an eye out for--could probably do something similar with any of the older lightweight verticals.

Dan N7CQR

Date: Thu, 2 Apr 1998 12:29:31 -0800
From: Andreas Junge <andreas@atltech.com>
To: qrp-l@Lehigh.EDU
Subject: [7440] RE: DX question
Message-ID: <01BD5E32.FD85EBF0.andreas@atltech.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Chuck,

> I'm looking forward to starting the Elmer Project and the 40-Meter
> radio. I hope to upgrade to Tech-Plus, and I currently have the General
> book on order.

I went the same route ! Tech -> Tech+ -> General (for now). I think this is a good way of approaching it. Get you feet wet on the Novice/Tech+ bands and try to upgrade to General, Advanced or Extra. Here are some thoughts about your questions :

>Can anyone enlighten or educate me on what sort of
> antenna that would be a great DX antenna for this 40-Meter kit within
> reasonable expense?

The antennas :

- a) Setup a dipole and you are in business for \$10.
- b) Build a W6MMA SLV vertical from a 20ft. fishing pole for abt \$80 (that's what I use)
- c) Get a commercial multiband vertical \$200 to \$400
- d) go and get whatever you can afford like a beam, tower...

>Is it possible to make contacts in England with this
> kit when I live in the Evergreen State? I have a friend and nephew whom
> resides there, neither of which, are hams, but that's not to say they
> could be.

As a Tech+ there will not be too much DX on 40M for you though. The novice section is in the range from 7.100 to 7.150 MHz. The rest of the world only uses from 7.000 to 7.100. I guess working Canada is not really a FB DX from Washington - HIHI.

I also do not know if there is a set of crystals for the novice section of the 40M Band for the Elmer 101 project. You should check it out first.

I hope I did not say too many stupid things. All flame mail will be directed to the NULL device automatically.

73,

Andreas KF6NEB

Andreas Junge
Atlantis Technologies
3600 West Bayshore Rd. #102
Palo Alto, CA 94303
Phone (650) 857 1895

I drive way too fast to worry about cholesterol

Date: Thu, 02 Apr 1998 20:40:32 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [7441] Remote QNI to Norcal mtg....
Message-ID: <3523F7C0.8E1@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, I tried. One day to go before utter failure.

Phone Tagged 6 Santa Rosa Norcal members. Email 89 local
Hams in Sonoma County, contacted SCRA club and still

no ride to the Norcal meeting.

I don't understand. They should all know I always bathe/shower on the First Sunday Morning each month :) :) This former Policeman makes a good body guard if you run out of gas in a bad part of town too. Good insurance. I could even help unload Jim Cates' truck/van if that's on the agenda too. Been working out with weights.

I found that with bugs, you can slow them down very easily. Just velcro (tm) to the table and they won't run away from you.

My son found my expensive 'Scotch 35' bright yellow electical tape. Apparently works well keeping the video game cords organized and visible. I noticed he left the black friction tape alone. Maybe this is a good sign. I'll bring him along for FD again this year -- put him in charge of untaping all the wires, etc. -- IN THE DARK. He'll probably bring the fluorescent tape next time!

All this talk about the qrp-1 webpage -- I visited again. Check out Roy's presentation if you really want to see a nice assortment of qrp gear!

<http://qrp.cc.nd.edu/qrp-1/dayton97/roy/index.html>

There's a nice primer for Phased verticals by Hygain. Thanks to the QRP-1 member who posted this:
<ftp://198.28.36.115/pub/downloads/>
view the 4 JPG images: Phasing1.jpg, 2,3,4. Fuzzy print but legible.

I still have two 300 MHz O-scope probes for Trade --NICE PROBES!

I also have the 500 MHz PROBE (only 1) missing gnd wire and hook tip. Works!

I'm thinking of 160 Meter converter to work that band. My Johnson Viking II will transmit, just no receiver yet....

Whether resonant or traveling wave, get out there and radiate.

CUL
-Ed

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Thu, 2 Apr 1998 15:47:22 -0500 (EST)
From: Jim Fielden <fielden@utkux.utcc.utk.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [7442] WoW 1st qrp DX!!!
Message-ID: <Pine.GS0.3.96.980402153923.4562A-100000@larry>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Wowo do I ever feel good. I was heard :) 2.5 watts from my Argo on
21.134.5 into my inside 15 meter dipole, flat up against the wall, and I
hear EA1CVN, I'm thinking no chance but give him a call. Wow that is my
call he is sending back !!! A couple more tries, we never really get much
more in because he fades very quick as I'm sure I do on his end, but all
in all he sent my call 4 times and heard me twice I'm sure!!!
Hmm maybe not much to old pros but to me on my current setup, it is really
really cool!!!

72

Jim -- KC4SMH

Date: Thu, 02 Apr 1998 15:59:56 -0500
From: Michael Maiorana <mikemo@ibm.net>
To: andreas@atltech.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [7443] Re: DX question
Message-ID: <3523FC02.56E2@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Andreas Junge wrote:

> I also do not know if there is a set of crystals for the novice section of
> the 40M Band for the Elmer 101 project. You should check it out first.

I can help here. You can build the SW-40+ to operate in the novice band. Then, when you upgrade to general, you can change a few things and bring it down to the lower part of the band. No problem. No extra parts.

--

72 de kf4trd
Mike Maiorana
Palm Harbor, FL

"And if I have prophetic powers, and understand all mysteries
and all knowledge, and if I have all faith, so as to remove
mountains, but have not love, I am nothing"

Date: Thu, 02 Apr 1998 15:06:31 -0600
From: Dave Sjolin <sjolin@swbell.net>
To: Qrp-l Reflector <qrp-l@Lehigh.EDU>
Subject: [7444] Items for Sale
Message-ID: <3523FDD7.5AB23B9@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This sales thing is new to me so please don't laugh if you think the prices are too high or too low.

For sale:

1. MFJ Artificial Ground (model MFJ-931).

Eliminate RF problems and hot rig. Create an artificial ground with a random length of wire thrown on the floor. Produces tuned counterpoise and electrically places far away RF ground directly at your rig. \$30

2. Drake MN75 Antenna Tuner

Drake antenna tuner with built in watt meter and swr bridge. Tunes coax, twinlead and single wires. Includes 4:1 balun. Power handling capability is 300 watts. Designed to compliment the Drake TR7 and TR5 radios. Solidly built. Looks good. \$65

3. W2DU type Current Balun (by the Wireman).

Good for 1-30 mhz operation. Accepts PL-259 at one end. Other end connects to each leg of your dipole. New in unopened container.

Originally, \$26.95. Got by accident. Had ordered current balun for vertical accepting pl-259 at each end but never got around to returning.
\$20

4. "Reflections, Transmission Line and Antennas"

Classic book on antennas, feedlines, and swr by M. Walter Maxwell, W2DU. Dispels the half truths and outright myths that many believe about SWR and transmission lines. Hard cover. Last published by ARRL in 1990.
\$20

5. EB 432 "Eggbeater" Antenna

Eggbeater antenna for 432 mhz from M2. Antenna is horizontally polarized for weak signal work on 432 or for satellite operation. I have similar antenna for two meters and I consistently work 200 miles with antenna up only 20 feet. Have several contacts in excess of 900 miles using Eggbeater for meteor scatter. Nice thing about it, you dont need to aim it. Catch all the openings. New in box. \$80

6. Microphones

Shure 444D - \$50

Heil HM-5 - 25

All items plus shipping.

Reply to: Sjolin@swbell.net

Phone: (314) 394-2238

Thanks,
Dave N0IT

Date: Thu, 02 Apr 1998 14:37:50 -0700
From: Phil <k6ls@prolynx.com>
To: Colorado QRP club <CQC@MTECHNOLOGIES.COM>, qrp-1 <qrp-1@Lehigh.EDU>, vhf <vhf@w6yx.stanford.edu>
Subject: [7445] soldering gun?
Message-ID: <3524052E.A611669E@prolynx.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Anyone have any recommendations on a GOOD soldering gun?

I have the Weller 100/140 watt job, but find that after a connector or two, it don't work as good as it should.

I would like to find something in the 200 watt + range, I haven't found one in any of the local stores.

tnx,

--

73 de Phil, K6LS

k6ls@qsl.net <or> k6ls@amsat.org
http://www.qsl.net/k6ls
http://www.prolynx.com/k6ls
DM79oq, Arapahoe County, Colorado
ITU zone 7, CQ zone 4
QRP-L #612 NorCal #824
CQC #471 ARCI #8866
WSWSS #148

Date: Thu, 02 Apr 1998 15:40:39 -0600
From: "edwin a. crowell" <w5twr@rconnect.com>
To: Ronald_A_Pfeiffer@res.raytheon.com
Cc: qrp-l@Lehigh.EDU
Subject: [7446] Re: Antenna Parts
Message-ID: <3.0.32.19980402154001.00694e60@rconnect.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

hi ron, try harbach electronics for the hard to find antenna parts. they have real stainless steel "u" bolts not zinc-plated. also lots of other good stuff. the address is 2318 s. country club road, melbourne, florida, 32901-5809. it is run by wa4dru--nice guy. don't have his phone number, but i got it from information. standard disclaimer--no connection, just satisfied customer. 72, ed

At 07:41 AM 4/2/98 -0500, you wrote:

>Looking to build antennas but have no idea where to get stainless steel
>parts
>like pulleys, U-bolts, element-to-boom, boom-to-mast, etc. Any pointers to
>where to purchase these items would be appreciated. I currently have,

>ready to mount,
> a Two-element 10 meter Moxon beam, as described in L. B. Cebik's web page.
>
>
>
>

Date: Thu, 2 Apr 1998 17:18:46 -0500
From: Tracy@bytemark.com (Tracy)
To: "'hhurst@delaware.infi.net'" <hhurst@delaware.infi.net>, "QRP-L (E-mail)"
<qrp-l@Lehigh.EDU>
Subject: [7447] RE: Noise
Message-ID: <01BD5E5B.AA726320.tracy@bytemark.com>

Go to National Semiconductor and look up the LM627C. It's supposed to be an extremely low noise op amp. I have about 20 of them that I'll let go for \$4 each if it looks like it will work out.

Rick Campbell used the LM387 (dual pre-amp, NOT op-amp!) as a low noise device in the R1, maybe you could make use of that device as well. I've had good results with it feeding an LM380. (Which I think is FAR superior to the 386.) I don't have any of those but they're readily available from several outfits down here.

Hope that helps
Tracy, N4LGH, #1453

-----Original Message-----

From: Harry Hurst [SMTP:hhurst@delaware.infi.net]
Sent: Thursday, April 02, 1998 1:34 PM
To: Low Power Amateur Radio Discussion
Subject: Noise

After 20 perfectly happy years of inactivity, I found this list. Now I gotta get back on again! QRP and mostly homebrew of course. So...

I built one of those Ramsey mini-receivers to get started. Yup, that LM386 is as noisy as a Heathkit Twoer! Yup, it drifts all over the band too. But, it was cheap, arrived in two days, and was working after a fashion, in an hour.

So far, I have mounted the board in an old printer switch box, and got the tuning range down to 7000 - 7090. The drift isn't too bad after the rig is on for a minute or so. Added an output transformer on the 386, and feed the hi-z output to a speaker amp.

What I want to do is add a low noise filter and preamp to feed the '386 with the 386 gain cranked down to 20 or less. Can someone recommend a low-noise version of an LM741? Would also like to replace the L0 caps with polystyrene caps. Who sells 'em? Didn't see them in Mouser, Digi-Key or Tech America catalogs.

I don't which sucks more, my rusty cw, or the radio. Anyway, I am sticking with it, listening every day, and slowly getting my speed back. I could drive over to Ham Radio Outlet and buy a ricebox today, but somehow it wouldn't be as much fun!

* * * * *
Amateur Radio - WA3PTG
QRP-L #1464
Wilmington DE
* * * * *

Date: Thu, 02 Apr 1998 22:20:41 +0000
From: Ed Loranger <we6w@qsl.net>
To: Tracy@bytemark.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [7448] Re: Noise
Message-ID: <35240F39.50D6@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I think the lowest noise op-amp is the OP-27. They are \$18.50 or so each. I have a couple.

Will trade for ride to Norcal Mtg. :) :)

whooooo, haaa, hee....
-Ed (hey, I have QRP info in this post.)
--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Thu, 02 Apr 1998 17:29:26 -0500
From: "Jim Kortge, K8IQY" <jokortge@mci2000.com>
To: qrp-l@Lehigh.EDU
Subject: [7449] 2N2 Rig Works QRP-L Member
Message-ID: <3.0.1.16.19980402172926.2cff00ca@mail49.mci2000.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Hi All....just thought I would pass along a quicky that I had the pleasure of working one of the QRP-L gang just a few minutes ago. It was Doug, W8TIM over in Walled Lake, MI. He's about 30 miles from me, and had a great signal from his Sierra. 579 both ways!

So finally, someone on the list has at least heard my new 2N2222 pride and joy. Gotta stop making contacts with it and get it in a case!

72 and be looking for others tonight until 0100Z, 7.040 MHz

Jim

PS...its Thursday afternoon about 2230Z

Jim Kortge, K8IQY (ex NU8N)		NorCal, QRP-L
jokortge@mci2000.com		__o H.F. bicycle mobile
Fenton, MI		_`\<, Mizuho 17/40 SSB
...	..	.. (*)/(*) ..
NorCal 38S/30 Log	-	34 States; 40 Countries - Running 3 watts
Most recent -	Iowa	Mauritius
NorCal 38S/17 Log	-	22 States; 51 Countries - Running 1.5 watts
Most recent -	Alaska	Ecuador

Date: Thu, 02 Apr 1998 17:24:15 -0500
From: Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>
To: w5yr@swbell.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [7450] Re: QRP WEB SITE
Message-ID: <3524100F.50DA@postoffice.worldnet.att.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

George T. Baker wrote:

>
> Denny, the site works great for me. I am running NetScape 4.01 under
> W95b. I use SW Bell for an ISP. Maybe AOL is the problem?
>
> -
>

It's beginning to sound like it. I had no trouble either. I'm still using NS 3.0 and Windows 95. When I was on Compuserve I had all sorts of trouble with websites. Worldnet is doing a much better job. Just my \$0.02.

--

73 de
KI8CZ
Tom Isgro
OHIO

<http://www.qsl.net/ki8cz>

10-X #68364	SCI #1479	QRP-L #945	ARS #203	ARCI #9606
C.A.T.T #2115	FIST 2360	NORCAL	ARRL	

Date: Thu, 02 Apr 1998 14:36:25 -0800
From: Mighty Mik <mitymik@hooked.net>
To: qrp-l@Lehigh.EDU
Subject: [7451] a great service 'heads up!'
Message-ID: <352412E9.B9DF5344@wenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

i mailed a check to Buckeye Electronics last week, with a note to not cash it till the 1st of April...today is the 2nd AND I HAVE MY PARTS! Guess who gets more of MY business? My thanx to Pat@ Buckeye for prompt service. (I now have NE602s).

Date: Thu, 02 Apr 1998 22:36:38 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [7452] Spirit of fellow Hams.
Message-ID: <352412F6.359D@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The comraderie demonstrated within this group is nothing short of outstanding.

I have been offered a ride to the norcal meeting. Andreas/KF6NEB has offered to drive from Menlo Park up to Santa Rosa, Pick me up and go to the norcal meeting.

I could not possibly ask anyone to go this far out of their way and have declined the offer. Nonetheless, a toast to Andreas, for a proposal of such magnitude. Cheers all around.

OBQRP: Does anyone have a step attenuator with 10dB steps they wish to part with? I want to try some microwatting and only have a 10 dB attenuator with 1 dB steps. Using the more accurate 1 Watt marking on the wattmeter then stepping down would be more accurate power reference than guestimating 5 milliwatts output one beard hair from the '0 Watts' on the scale.

Possible trade?

-Ed

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Thu, 02 Apr 1998 16:39:28 -0600

From: Dave Sjolín <sjolin@swbell.net>
To: Qrp-l Reflector <qrp-l@Lehigh.EDU>
Subject: [7453] Items for Sale - Some SOLD
Message-ID: <3524139F.2D4885A2@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For sale:

1. MFJ Artificial Ground (model MFJ-931). SOLD
2. Drake MN75 Antenna Tuner SOLD
3. W2DU type Current Balun (by the Wireman). SOLD
4. "Reflections, Transmission Line and Antennas" SOLD
5. EB 432 "Eggbeater" Antenna

Eggbeater antenna for 432 mhz from M2. Antenna is horizontally polarized for weak signal work on 432 or for satellite operation. I have similar antenna for two meters and I consistently work 200 miles with antenna up only 20 feet. Have several contacts in excess of 900 miles using Eggbeater for meteor scatter. Nice thing about it, you don't need to aim it. Catch all the openings. New in box. \$80

6. Microphones
Shure 444D - \$50
Heil HM-5 - 25

All items plus shipping.

Reply to: Sjolín@swbell.net

Phone: (314) 394-2238

Thanks,
Dave N0IT

Date: Thu, 02 Apr 1998 18:12:27
From: Roger Braker <msebrakr@telepath.com>
To: leinwebe@mcmail.CIS.McMaster.CA

Cc: qrp-1@Lehigh.EDU
Subject: [7454] Re: Elmer101: QSK in the SW40+
Message-ID: <3.0.1.16.19980402181227.3b2f1b38@telepath.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Guys,
Several things I don't understand. First of, if D5 is connected directly to C24 and R8, then I think it is marked as D6, at least on my skiz which I downloaded this afternoon. Secondly, if D6 is D5, then how does the current out of R21 get through D5 to turn Q1 on, considering the way it is oriented? Where does the 8 volts that appears between the gate and source of Q1 come from? If it comes from R21, then won't it get grounded? If this is not how it works then I must have misunderstood. And once 8 volts does get to Q1, why would this turn it off? Is that pinch off voltage? Also, about the sidetone. Is the TX signal from the TR switch converted through the IF and audio mixers to get the sidetone? Isn't that kind of hard on the chips?? Last question:-) I had always heard that you weren't supposed to key oscillators but that is what has been done with U5. Or is that just for VFOs and XTAL oscillators don't count? Thanks for all the help. I know, I ask too many questions:-)

73,
Arnold kd5ckh

> When the gate of Q1(MPF102) is grounded, 8 volts appears between source
>and gate causing
>the FET to stop conducting, disconnecting U4a from U4b. The only
>connection left is through R9(4.7MEG), which leaks enough audio to hear
>the transmit sidetone.

Date: Thu, 02 Apr 1998 18:29:17
From: Roger Braker <msebrakr@telepath.com>
To: qrp-1@Lehigh.EDU
Subject: [7455] Update: Please help
Message-ID: <3.0.1.16.19980402182917.3b2f70d4@telepath.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Guys,

I tried checking the TX offset with my galaxy and it seems to check out OK. When I TX in the weekender I hear a tone in the galaxy and the TX tone from the galaxy is about the same. (It is a little difference but I don't think it is much.) For all those who asked, I am getting about 1.8 watts out of the weekender, according to the 30 watt scale of my mfj 949D. I'm going to try setting up a sked with a local ham, then, if everthing goes OK, I'll try to get a longer distance sked via qrp-l. I got the weekender stuck in a case last night so now It is not just lying on my desk.

The only other problem I can think of is that it may be a problem with either my feedline or antenna. I usually run about 30 watts on 40 meters so that might cover up some high losses. Without the tuner, I get a match of about 1.8/1. The antenna is a trap dipole(the traps are parallel resonant at 7mhz). I have has some weird SWR experinces on 40 meters with power much higher than 30 watts. It is kinda hard to explain so I'll do my best.

After I tune up into the dummy load to about 50 watts(I've got soft finals in the galaxy), I switch it over to the ant to tune the ATU. When I first push the key down, the SWR starts to rise to about 5/1 and then it gos back down and then begins its return. I tried loading the galexxy into my 10 meter dipole and, althought touch, I experience none of this behavior so I assume it's the trap antenna. Could this be part of my problem with the weekender? I would like to solve both problems (odd SWR and no contacts) so if anybody has any Ideas/ suggestions coments ect, I would be more than glad to hear them. thanks for all the help guys.

73,
Arnold kd5ckh

Date: Thu, 2 Apr 1998 16:02:01 -0800
From: Ward Hill <w_hill@ns.net>
To: qrp-l@Lehigh.EDU
Subject: [7456] Livermore Swap Meet
Message-ID: <l03130300b149d7186121@[207.159.15.137]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I am going to try and make it to the Livermore Swap Meet before the NorCal Meeting. Does anyone know the talk-in freq. or have directions to get there?

Thanks in advance,

72,

Ward, WA6FUH

Maintenance Engineer KCRA, Channel 3 (NBC) and KQCA, Channel 58 (the WB)

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End of QRP-L Digest 1048

